

81"

ACCESSION NR: AT4016073

Baumana, parts with thicknesses below 2 mm were found to have low strength although most specimens conformed to the specifications of GOST 2685-55. In analyzing some of the reasons for the difficulties, particular attention is paid to casting temperature and the thickness of the cast (see the Enclosure). The temperature gradients arising in the alloy during and after squeeze casting are also considered and held to be responsible for variations in mechanical properties. The authors did not come to any final conclusions but suggest that further tests under actual working conditions should be performed in order to find out whether these castings can be used and are actually stronger than riveted or welded structures. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: MVTU im. Baumana

SUBMITTED: 00

DATE ACQ: 27Dec63

ENCL:02

SUB CODE: MM,AS

NO REF SOV: 003

OTHER: 002

Card 2/4

BINIAS, Boleslaw

The specificity of rehabilitation procedures in congenital defects of the upper extremity in relation to post-traumatic amputations. Chir. narz. ruchu ortop. polska 27 no.1:15-17 '62.

1. Z Sanatorium Rehabilitacyjno-Ortopedycznego dla dzieci w Swiebodzinie Dyrektor: dr L. Wierusz.
(ARM abnorm) (AMPUTEES psychol)

BINIASHVILI, R.M.; DENIDENKO, N.S.

High-quality portable lamps for miners. Bezop.truda v prom. 4
no.11:36 N '60. (MIRA 13:11)

1. Nachal'nik ventilyatsii shakhty im. Stalina tresta Voroshilov-
vugol' (for Biniashvili). (Electric lamps, Portable)

BINIASIOWA, Maria

The problem of physical education and sport in the rehabilitation of children and adolescents with amputated lower extremities. Chir. narz. ruchu ortop. polska 27 no.1:11-14 '62.

1. Z Sanatorium Rehabilitacyjno-Ortopedycznego dla Dzieci w Swiebodzinie Dyrektor: dr L.Wierusz.
(AMPUTEES rehabil) (PHYSICAL EDUCATION AND TRAINING)

VAYNSHTEYN, B.S., kand. ekon. nauk; LEYKINA, K.B.; MINTS, M.G.;
LUCHINSKIY, S.M.; KIYEVSKIY, V.G., kand. ekon. nauk;
VINEY, ~~0.00; DEMIDOVA, S.N.~~; GUREVICH, M.S.;
ZIKEYEV, B.V., kand. tekhn. nauk; ~~RUDNICHENKO, S.S.~~;
SARYCHEV, V.S., kand. tekhn. nauk; APARIN, I.L.;
KRINITSKAYA, M.Ye.; DZIKOVSKIY, G.I.; ZEL'TSER, R.Ya.;
GOL'DENBERG, I.L.; ISAKOVSKIY, I.G.; ~~DEMIDOVA, S.N.~~,
~~isakovskiy, i.g.; demidova, s.n.~~

[Economic efficiency of capital investments and the introduction of new equipment in construction] Ekonomicheskaya effektivnost' kapital'nykh vlozhenii i vnedreniia novoi tekhniki v stroitel'stve. Moskva, Stroizdat, 1965. 235 p. (MIRA 18:8)

1. Moscow. Nauchno-issledovatel'skiy institut ekonomiki stroitel'stva. 2. Rukovoditel' sektora ekonomicheskoy effektivnosti novoy tekhniki Nauchno-issledovatel'skogo instituta ekonomiki stroitel'stva, Moskva (for Kiyevskiy). 3. Sektor ekonomicheskoy effektivnosti novoy tekhniki Nauchno-issledovatel'skogo instituta ekonomiki stroitel'stva, Moskva (for all ~~except~~ Demidova). 4. Nauchno-issledovatel'skiy institut ekonomiki stroitel'stva, Moskva (for Demidova).

BINIECKI, S.;JESKE, J.

New analgesic. Acta Poloniae pharm. 9 no. 4:273-277 1952. (CML 24:1)

**1. Of the Institute of Chemical Technology of Therapeutics of Warsaw
Medical Academy.**

POI.

Preparation of sulfanilic acid hydrazide and *N,N*-disulfanylethylenediamine and their bactericidal properties. Stanislaw Biniecki and Eugeniusz Muszyński (Acad. Med., Warsaw). *Acta Polon. Pharm.* 10, 81-8 (1953) (English summary). — $\text{H}_2\text{NC}_6\text{H}_4\text{SO}_2\text{NHNH}_2$ (I) [prepd. by hydrolysis by HCl of *N*-acetylsulfanilic acid hydrazide from *N*-acetylsulfanilic chloride (II) and $\text{N}_2\text{H}_4 \cdot \text{H}_2\text{O}$ in CHCl_3 on water bath] and *N,N*-disulfanylethylenediamine (III) [from $(\text{CH}_3\text{NH}_2)_2$ and II] do not inhibit the growth of nonacid resistant microorganisms (*Staphylococcus aureus* and *Escherichia coli*). I inhibits growth of *Mycobacterium smegmatis* at 3.1 mg-% and *Mycobacterium 270* at 6.2 mg-%. III inhibits the growth of both at 250.0 mg-%. A. S. 1

1. of the Institute of Chemical Technology
of Drugs (head - prof. St. Biniecki etc.)
of Warsaw medical academy

BINIECKI, STANISLAW

chrysoenum. Stanislaw Biniecki and Zofia Mikowska
(Akad. Med. Zakl. Technol. Chem. Środków Lekarskich,
Warsaw). *Acta Polon. Pharm.* 10, 147-9 (1953) (English
summary).—A quant. analysis was made to det. the chem.
compn. of the mycellium of *P. chrysoenum*. The values ob-
tained were: total ash 23.53-23.75; P₂O₅ 0.47-0.48; K₂O
2.28-2.30; N 5.40-5.42; pentosans 1.36-1.39; cellulose
0.29-0.48%. All values were calcd. on a dry wt. basis.
Richard Ehrlich

P O L .

✓Synthesis of amphetamine derivatives. Stanislav
Binjicki and Eugeniusz Muczyński (Acad. Med. Warsaw,
Poland). *Acta Polon. Pharm.* 13, 211-21 (1956) (English
summary).—The authors, using known methods, prepd.
dl-2-(3,4-dimethoxyphenyl)isopropylamine from eugenol, and
dl-2-(3,4-methylenedioxyphenyl)isopropylamine from safrol.
Both compds. exhibit a marked stimulating effect on the
respiratory centers, similar to that of typical amphetamine
drugs. 29 references. Edward A. Ackermann

AB
gen

BINIECKI, S.; MAKOWSKA, Z.

Chemical studies on *Penicillium chrysogenum*. *Acta Poloniae pharm.*
10 no.3:147-149 1953. (CML 25:5)

1. Of the Institute of Chemical Technology of Drugs (Head--Prof. S.
Biniecki, M.D.) of Warsaw Medical Academy.

~~PINIEK, STANISLAW~~

POL.

2-(Phenylbenzylaminomethyl)imidazoline hydrochloride.
~~Stanislaw Piniek, Wladyslaw Szymanski, Jacek Pelen,~~
~~Kazimierz, and Wladyslaw Szymanski, Acta Polon.~~
~~Pharm. 11, 47-50 (1957) (English summary).--HCl and~~
 EtOH with HOCH₂CN give 94.5% HOCH₂C(OEt):NH.
 HCl which with (CH₃NH)₂ yields 87.5% 2-(hydroxy-
 methyl)imidazoline-HCl, m. 150-1°, converted with SOCl₂
 to 79.4% 2-(chloromethyl)imidazoline-HCl, m. 205°; this,
 heated 4 hrs. at 120-30° with PhNHCH₂Ph yields 72.17%
 2-(phenylbenzylaminomethyl)imidazoline hydrochloride, m.
 229-31° (recrystd. from H₂O, m. 233°). A scheme of the
 reactions is included. 8 references. Michael Dymicky

Handwritten initials/signature

BINIEC KI STANISLAW

POL. 3

Synthesis of 1,4-bis(sulfanyl)piperazine. Stanislaw Biniecki and Antoni Kozłowski (Acad. Med. Warsaw). *Arb. Pol. Pharm. 11, 117-20 (1954) English summary.* Acetanilide was added slowly to CHCl_3 at 0 to 5°, then heated at 50° for 1 hr. and HCl removed with a water pump. Acetylsulfanyl chloride (I), m. 148° (from CHCl_3), was dissolved in CHCl_3 , refluxed 1/2 hr. with piperazine- H_2O , cooled, neutralized with aq. NH_3 , and the ppt. washed with EtOH and H_2O , dried over concd. H_2SO_4 , recryst. from 90% EtOH, and dried at 80° in vacuo to give 43% 1,4-bis(acetylsulfanyl)piperazine (II), m. 5-2.3°. II (3 g.) refluxed 2 hrs. with 60 ml. 12% NaOH, the mixt. cooled and filtered, and the ppt. washed with 5% NH_4Cl , dried over P_2O_5 , dissolved in hot acetone, filtered, the filtrate treated with benzene and kept at room temp. for 2 hrs. and the resulting ppt. washed with abs. EtOH and dried over H_2SO_4 in vacuo gave 1,4-bis(sulfanyl)piperazine, m. 289.8°. I. Z. R.

BINIECKI

1-Hydrazinophthalazine and thiocyanatophthalazine. S. Biniecki and B. Gutkowska (Med. Acad., Warsaw). *Acta Polon. Pharm.* 11, 27-30(1955)(English summary).—o-OHCC₆H₄CO₂H (I) (9 g.) was dissolved in the min. amt. of hot H₂O and treated with a hot aq. soln. of 0.06 g. H₂NNH₂·H₂SO₄ (II) and 9.12 g. AcONa to give 8.7 g. 1-phthalazone (III), m. 183-4°. III (5.8 g.) refluxed 0.5 hr. with 17.4 g. POCl₃, poured into 115 ml. H₂O, and the mixt. treated slowly with 170 ml. 25% aq. NaOH pptd. 1-chlorophthalazine (IV), which was filtered off, washed with H₂O, dried *in vacuo* and converted into 1-hydrazinophthalazine by the method of Druey and Ringer (cf. *C.A.* 45, 10428c), m. 165-72°; hydrochloride, m. 271-2°. 1-Thiocyanatophthalazine prepd. similarly from IV and NaCNS, b.p. 189-205°, m. 130°. A. Shadan

Shadan

~~BINIECKI, STANISLAW~~

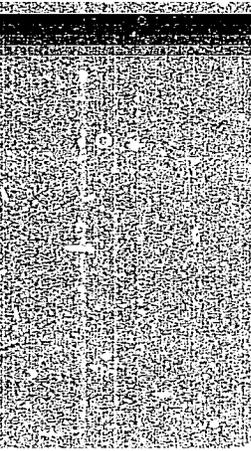
BINIECKI, Stanislaw; MODRZEJEWSKA, Wanda; MUSZYNSKI, Eugeniusz

Preparation of 2-(benzyl)-imidazoline hydrochloride. Acta Poloniae
pharm. 12 no.1:1-4 1955.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych A.M.w
Warszawie. Kierownik: prof. dr St.Biniecki.
(IMIDAZOLINES, preparation of,
2-(benzyl)-imidazoline HCl)

"APPROVED FOR RELEASE: 06/08/2000

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BINIECKI, St.

St. Biniecki, W. Modrzejewska, and E. Muszynski, "Synthese von 2-(Benzyl)-imidazolinchlorid," Acta polon. pharmac., Vol 12, No 1, pp. 1-4.

Review of article is to be found in Pharmazeutische Zentralhalle (Dresden/Leipzig), Yr 95, No 6, June 1956, p. 251.

POLAND / Chemical Technology. Pharmaceuticals.
Vitamins. Antibiotics.

H-17

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78714.

Author : Biniecki, S., Kabzinski, A., Muszynski, E.
Inst : Not given.
Title : The Catalytic Hydrogenation of the Sulfate of
Streptomycin.

Orig Pub: Acta polon, pharmac., 1956, 13, No 2, 135-136.

Abstract: No abstract.

Card 1/1

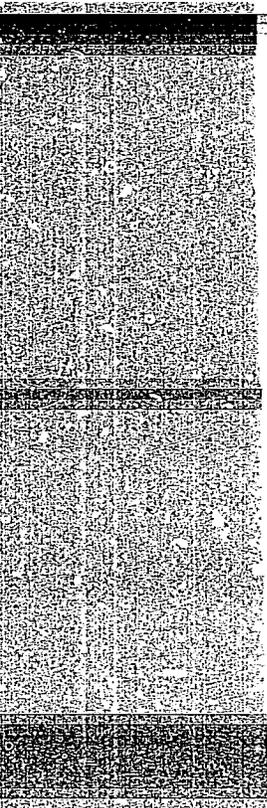
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CIA-RDP86-00513R000205320009-0"

POLAND/Organic Chemistry. Synthetic Organic Chemistry.

G

Abs Jour: Ref Zhur-Khim., No 2, 1959, 4738.

Author : Biniecki, S. and Izdebski, J.

Inst :

Title : The Preparation of the Dihydrochloride of 1,4-dihydrazinophthalazine.

Orig Pub: Acta Polon Pharmac, 15, No 6, 421-424 (1957)
(in Polish)

Abstract: A solution of 35 gms phthalic anhydride in 100 ml glacial CH_3COOH is treated with 13 gms 90% $\text{N}_2\text{H}_4 \cdot \text{H}_2\text{O}$; the solution is heated (2 hrs, 120°) and allowed to stand for 24 hrs; the product is phthalazine-1,4-dione (I), yield 84%, mp $\sim 340^\circ$. 1,4-dichlorophthalazine (II) is prepared in yields of 96% (mp 162°).

COUNTRY : Poland 9-2
CATEGORY : Organic Chemistry--Synthetic organic chemistry
ABS. JOUR. : RZKhim., No. 16 1959, No. 57167
AUTHOR : Biniecki, S. and Gora, D.
INST. : Not given
TITLE : The Preparation of 1,1-Dioxides of 6-Chloro-7-Sulfonamidobenzo-1,2,4-Thiodiazine
ORIG. PUB. : Acta Polon Pharmac, 15, No 5, 389-386 (1958)
ABSTRACT : In connection with the investigation of derivatives of quinazoline, the authors have synthesized 1,1-dioxides of 6-chloro-7-sulfonamidobenzo-1,2,4-thiodiazine (I). 3.05 mols SO₂ (OH)Cl are treated gradually with 0.196 mol m-ClC₆H₄NH₂·HCl, followed by treatment with 3 mols NaCl, the solution is carefully heated to 150-155° (bath temperature), stirred for 2 hrs at that temperature, cooled, mixed with ice, and 4,6-disulfoxychloride-3-chloroaniline [sic] (II) is separated.

CARD: 1/2

HAASE, Andrzej; BINIECKI, Stanislaw

Synthesis of 3-(3'-pyridyl)- and 3-(4'-pyridyl)-s-triazol-(b)-phthalazine and of 3-(3'-pyridyl)- and 3-(4'-pyridyl)-6-phenyl-s-triazol-(b)-pyridazine. Acta pol. pharm. 18 no.6:461-469 '61.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr St. Biniecki.
(PYRIDINES chem) (HETEROCYCLIN COMPOUNDS chem)

BINIECKI, S.

POLAND

Prof Dr Stanislaw BINIECKI (Affiliation not given)

"Postgraduate Studies of Magisters of Pharmacy."

Warsaw, Pharmacia Polska, Vol 18, No 20, 25 Oct 1962: pp 497-498.

Abstract: Review and discussion of a number of postgraduate courses for pharmacists, held in various Polish cities since 1958 and averaging 5 or 6 weeks in duration.

1/1

BINIECKI, Stanislaw; MUSZYNSKI, Eugeniusz; JAGIELLOWICZ, Helena;
CHOJNACKA, Zdzislawa

Production of dl- β -(3,4-dimethoxyphenyl)-N-(3',4'-dimethoxybenzyl)
isopropylamine and of dl- β -(3,4-methylenedioxyphenyl)-N-(3',4'-
methylenedioxybenzyl)-isopropylamine. Acta pol. pharm. 19 no.1:
31-35 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii
Medycznej w Warszawie Kierownik: prof. dr St. Biniecki i z Instytutu
Lekow w Warszawie.

(PHENYLETHYLAMINES chem)

BINIECKI, Stanislaw; MODRZEJEWSKA, Wanda

Production of 2-(β -phenylethylamino)-piperidine and 2-(β -phenylethylamino)-thiazole. Acta pol. pharm. 19 no.2:103-107 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr St. Biriecki.
(THIAZOLES chem) (PIPERIDINES chem)

GUTKOWSKA, Bozena; BINIECKI, Stanislaw

Production of some β -aminoethylamides and guanylhydrazides of aromatic acids. I. Acta pol. pharm. 19 no.3:243-249 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr. St. Biniecki.
(AMIDES chem) (HYDRAZINES chem)

BINIECKI, Stanislaw; MUSZYNSKI, Eugeniusz; PAWLOWSKA, Danuta

Synthesis of D,L- β -(3,4-dimethoxyphenyl)-N-(3',4'-methylenedioxybenzyl)-isopropylamine and D,L- β -(3,4-methylenedioxyphenyl)-N-(3,4-dimethoxybenzyl)-isopropylamine. Acta pol. pharm. 19 no.3:251-255 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr. S. Biniecki.
(PHENYLETHYLAMINES chem)

BINIECKI, Stanislaw; GORA, Danuta; SLABKOWICZ, Maria; SENT, Krystyna

Production of 5,7-disulfonamido-1,2,4-benzothiadiazine-1,1-dioxide and chlorosulfonation of o-toluidine hydrochloride and acetyl derivatives. Acta pol. pharm. 19 no.3:257-261 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr. S. Biniecki.
(SULFONAMIDES chem) (HETEROCYCLIC COMPOUNDS chem)
(TOLUENE rel cpds) (ANILINE COMPOUNDS chem)

GUTKOWSKA, Bozenna; BINIECKI, Stanislaw

Synthesis of some β -aminoethylamides and some guanylhydrazides of aromatic acids. II. Acta pol. pharm. 19 no.4:293-298 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie Kierownik: prof. dr St. Biniecki.
(HYDRAZINES) (AMIDES) (PHENYLACETATES)
(ANTHRANILIC ACID)

BINIECKI, Stanislaw; IZDEBSKI, Jozef; ROZALSKA, Irma

Synthesis of some β -diethylaminoethylamino- and of some carbethoxyamino derivatives of isoquinoline. Acta pol. pharm. 19 no.5:437-441 '62.

1. Z Zakladu Nowych Lekow Instytutu Lekow w Warszawie.
(QUINOLINES) (CHEMISTRY, PHARMACEUTICAL)

BINIECKI, Stanislaw; GUTKOWSKA, Bozena; KOZLOWSKA, Jadwiga

On some amino derivatives of 2-amino-4-methylpyrimidine. Acta pol.
pharm. 19 no.5:443-446 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii
Medycznej w Warszawie Kierownik: prof. dr St. Biniecki.
(PYRIMIDINES)

KOŁODYŃSKA, Zofia; BINIĘCKI, Stanisław

Synthesis of some quinoxalyl- and diquinoxalyl-diamines.
Acta pol. pharm. 20 no.4:285-292 '63.

1. Z Zakładu Nowych Leków Instytutu Leków w Warszawie.
(AMINES) (HETEROCYCLIC COMPOUNDS)
(CHEMISTRY, PHARMACEUTICAL)

Institute

GMERNICKA-HAFTEK, Cecylia; BINIECKI, Stanislaw

On some 2-methylbenzothiazole derivatives. I. Acta pol. pharm.
20 no.3:247-252 '63.

1. Z Zakladu Nowych Lekow Instytutu Lekow w Warszawie.
(THIAZOLES) (CHEMISTRY, PHARMACEUTICAL)

BINIECKI, Stanislaw, prof. dr

Pharmacies to be supplied with scientific pharmaceutical handbooks.
Farmacja Pol Pol 19 no.5:97 10 Mr '63.

BINIECKI, Stanislaw; KABZINSKA, Zofia; SZYPULSKA, Maria

On the synthesis of piperonal. Acta pol. pharm. 20 no.3:
243-245 '63.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii
Medycznej w Warszawie Kierownik: prof. dr St. Biniecki.
(ALDEHYDES) (CHEMISTRY, PHARMACEUTICAL)

BINIECKI, S.; EMILIAN, S.

Synthesis of L-adrenalin. Acta pol. pharm. 20 no.3:245-246
'63.

(EPINEPHRINE) (CHEMISTRY, PHARMACEUTICAL)

BINEROWI, Stanislaw; KOLCZYNSKA, Zofia

Synthesis of N -(2-quinoxaly)- and N -(4-quinazoly1)-alpha,
kappa-diaminodecane. Acta Pol. pharm. 20 no.5:409-412 '63.

1. 2 Zakladu Nowych Lekow Instytutu Lekow w Warszawie.

KOŁODYŃSKA, Zofia; BINIECKI, Stanisław, prof. dr.

Synthesis of some quinasolyl- and bis-quinazolyl-diamines. Acta
Pol. pharm. 21 no.3:225-231 '64

1. Z Zakładu Nowych Leków Instytutu Leków i Zakładu Technologii
Chemicznej Środków Leczniczych Akademii Medycznej w Warszawie.
(Kierownik: prof. dr. S. Biniecki).

GMEFNICKA-HAFTEK, Cecylia; BINIECKI, Stanislaw, prof. dr.

On some derivatives of 2-methylbenzothiazole, II. Acta Pol. pharm. 21 no.4:317-324 '64.

1. Z Zakladu Nowych Lekow Instytutu Lekow w Warszawie i z Zakladu Technologii Chemicznej Srodkow Lecznicznych Akademii Medycznej w Warszawie (Kierownik: prof. dr. S. Biniecki).

SGBICZEWSKI, Wojciech; BINIECKI, Stanislaw, prof. dr.

Production of some methylamino tetracycline derivatives using Mannich's method. Acta Pol. pharm. 21 no.5:421-427 '64.

1. Z Zakladu Technologii Srodkow Leczniczych Akademia Medycznej w Warszawie (Kierownik Zakladu: prof. dr. S. Biniecki.

BINIECKI, Stanislaw, prof. dr.; KOLCZYNSKA, Zofia

Synthesis of 7-dimethoxy-7-(alpha-dialkylaminopolymethylamino)-colchicine. *Prace Pol. pharm.* 21 no. 5:421-427-1964.

1. Z Zakladu Nowych Lekow Instytutu Lekow w Warszawie (Kierownik: prof. dr. S. Biniecki).

BINIECKI, Stanislaw; ZLAKOWSKA, Wieslawa

Synthesis of pyridylmethyl derivatives of beta-(3,4-methylenedioxyphenyl)-ethylamine. Acta Pol. pharm. 21 no.6: 521-526 '64

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Warszawie (kierownik: prof. dr. S. Biniecki).

BINIECKI, Stanislaw; MOLL, Maria

Synthesis of some sulfaniloamido derivatives of quinoline.
Acta Pol. pharm. 22 no.2:97-101. '65.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych
AM w Warszawie (Kierownik Zakladu: prof. dr. St. Binecki).

NICOLAESCU, V.; BINIG, L.; LUNGUREAN, V.; UDRESCU, F.

Polarographic determination of germanium. Rev chimir Min petr
13 no.7:431-432 J1 '62.

BININA, B. N.; VASILYEV, M. Ye.; GROZOBSKIY, A. L.; ILINA-MARKOSIYA, L. V.; FEDOROV,
M. S.

"Techniques of Dental Prosthetics," 1951.

BINKA J.

BINKA, J. Corrosion and erosion, a problem of increasing the utility of engineering products. p. 264.

Vcl. 4, No. 6, June 1954
ZA SOCIALISTICKOU VEDU A TECHNIKU
TECHNOLCCY
Praha, Czechoslovakia

So: East European Accessions, Vcl. 5, No. 5, May 1956

BINKA, J.

BINKA, J. Soviet experiences in using plasticizing and air-entraining agents for concrete. p. 285.

Vol. 3, No. 4, 1955
SOVETSKA VEDA: VODNI STAVITELSTVI.
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956

BINKA, J.

BINKA, J. Corrosion of concrete and ways of preventing it. p. 481.

Vol. 3, No. 6, 1955
SCVETSKA VEDA: VODNI STAVITELSTVI.
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956

HINKA, J.

"Dry pressing." p. 282.

STAVIVO. (Ministerstvo stavebnictvi). Praha, Czechoslovakia, Vol. 33,
No. 8, Aug. 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

HINKA, J.

HINKA, J. Automatization in the factory producing fire-resistive materials by dry pressing. p. 303

Vol. 34, no. 8, Aug. 1956

STAVIVO

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

BINKA, J.; SATAVA, V.

Application of differential and gravimetric thermal analysis to the research of calcium oxychloride. p. 174. (SILIKATY, Vol. 1, No. 2, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BINKA, J., inz., CSc.

"Acidproof concrete in the chemical industry" by B. Cibulka.
Reviewed by J. Binka. Stavivo 41 no.7:271 J1 '63.

BINKA, J., inzo, CSo.

~~Granulation of blast furnace slag in water troughs. Stavivo 41~~
no.6:227 Je '63.

BINKA, J., inz., CSc.; SCHAUER, A., inz.

Thermal longitudinal expansiveness of some plastics and its importance for building. Stavivo 41 no.7:250-252 JI '63.

1. Vyzkumny ustav stavebni vyroby, Praha.

BINKA, J., inz., CSc., SCHAUER, A., inz.

Lightened plastics in insulation technology. Stavivo 41 no.9:
336-340 S'63.

1. Vyzkumny ustav pozemnich staveb, Praha.

BINKA, Jiri, inz. CSc.; SCHAUER, Antonin, inz.

Porofen, a new heat insulation material. Poz stavby 12
no. 3: 126-128 '64.

1. Research Institute of Building, Prague.

BINKA, J., inz. CSc.

Production and use of synthetic building materials in
the United States. Stavivo 42 no. 3:114 Mr '64.

BINKA, Jiri, inz. CSc.; SCHAUER, Antonin, inz.

Gluing of polyester laminated glass. Poz stavby 12 no.9:374-377
'64.

1. Research Institute of Building Construction, Prague.

BINKA, J., inz. CSc.

Causes of some troubles in using lightened polystyrene in the building industry. Stavivo 42 no.11:422-423 N '64.

1. Research Institute of Building Construction, Prague.

BINKEVICH, A.V., gornyy inzh.; YEFREMOV, A.V., gornyy inzh.

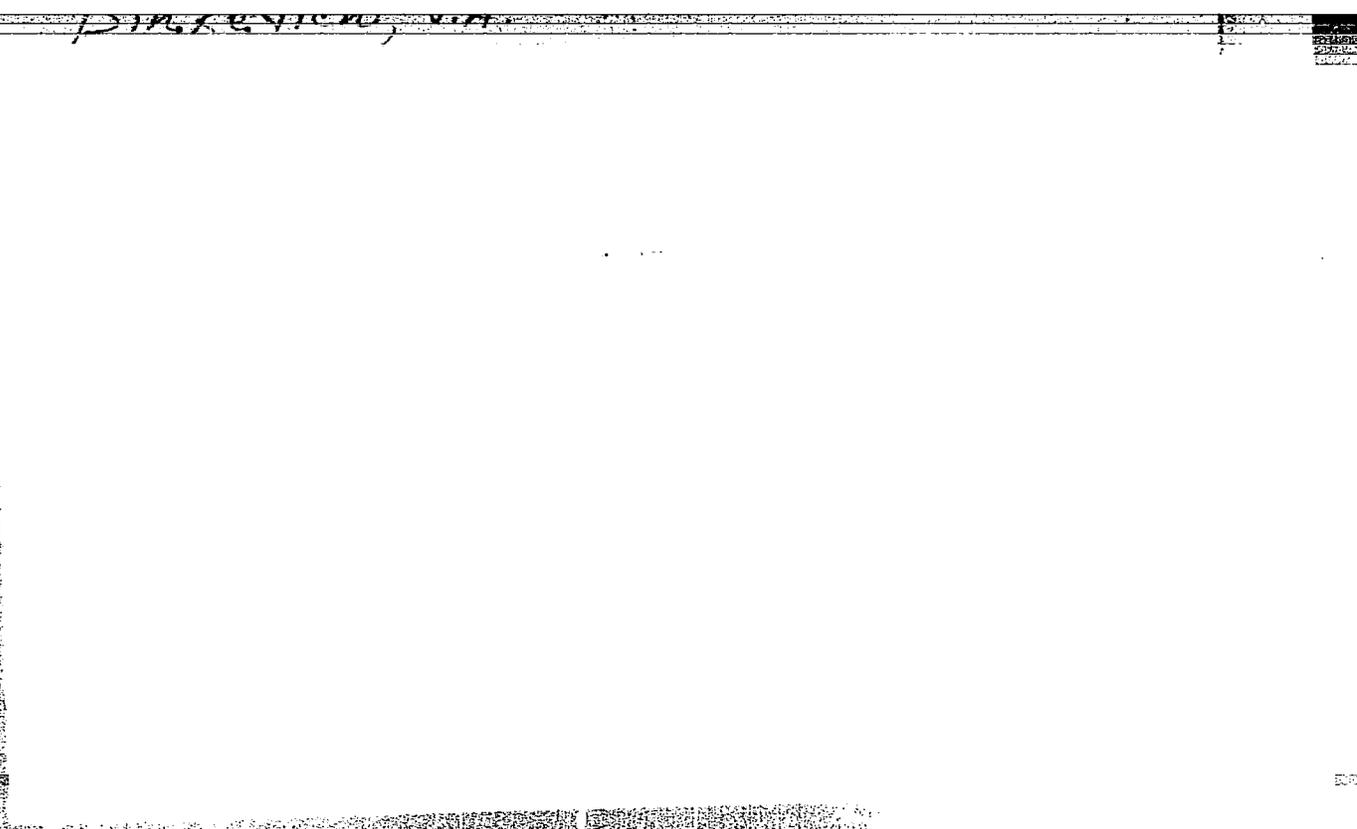
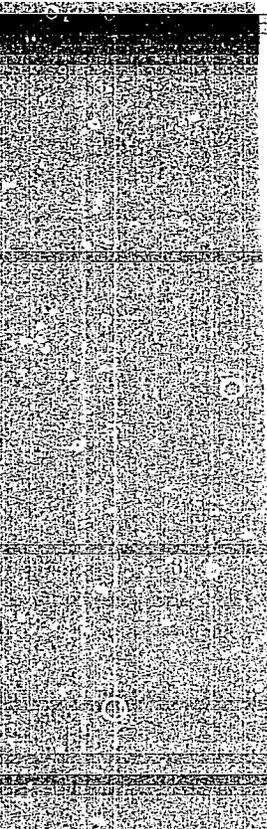
Mining an incline with a PK-3m cutter-loader with transloading of the rock and coal by gantry crane. Ugol' Ukr. 9 no.12:33-35 D '65. (MIRA 19:1)

1. Trest Krasnogvardeyskugol'.

BINKVICH, V.A.; LINCHEVSKIY, G.V.

Introducing grizzlies with electrically heated screens. Ger.smur.
no.4:52-54 Ap '56. (MIRA 9:7)

1.Glavnyy zaveditel' Glavrudny Ministerstva chernoy metallurgii
USSR (for Binkvich).2.Nachal'nik tekhnicheskogo otdela Kriv-
rozhskogo zavoda burevykh stankov (for Linchevskiy).
(Screens (Mining))



137-58-6-11296

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 5 (USSR)

AUTHOR: Binkevich, V.A.

TITLE: The Concentration of Iron Ores (Obogashcheniye zheleznyk rud)

PERIODICAL: Izv. Dnepropetr. gorn. in-ta, 1957, Vol 26, pp 64-70

ABSTRACT: A description is offered of the ores of Mt. Magnitnaya, and the dressing procedure used for the ores of Kamyshburun (calcining and magnetic separation, and gravitational dressing) are presented. The dressing of Fe ores in the USA is described.

A.Sh.

1. Iron ores--Properties
2. Iron ores--Processing

Card 1/1

BINKEVICH, V. A.

Dnepropetrovsk Economic Council

"Difficulties in the region in ore beneficiation"

report presented at the 4th Scientific and Technical Session of the Mekhanobr
Inst, Leningrad, 15-18 July 1958

BINKEVICH, V.A.; KHVATOV, Tu.A.; POLYAKOV, N.A.; BURAYEV, B.K.

Operation of rod and ball mills in the first and second stages of milling. Gor. zhur. no.1:65-67 Ja '62. (MIRA 15:7)

1. Dnepropetrovskiy sovnarkhoz (for Binkevich). 2. Novo-Krivorozhskiy gorno-obogatital 'nyy kombinat (for Khvatov, Polyakov, Burayev).

(Krivoy Rog--Mining machinery)

DERKACH, V. G.; BINKEVICH, V. A.; ARTEMOVA, A. A.; YEGOROV, N. F.

Comparison of various drum separators for wet separation of
magnetic ores. Ger. zhur. no.11:67-70 N '62. (MIRA 15:10)

(Separators(Machines)—Testing)
(Iron ores)

BINKEVICH, V.A.

Technical and economic survey of the operation of the ore-dressing plants of the Southern and New Krivoy Rog Mining and Ore Dressing Combines. Gor.zhur. no.1:67-71 Ja '63. (MIRA 16:1)

1. Dnepropetrovskiy sovet narodnogo khozyaystva.
(Krivoy Rog Basin—Ore dressing)

BASS, M.Ya.; BINKEVICH, V.A.

Using pistonless jigs for ore dressing. Gor. zhur. no.5:62-65 My
'63. (MIRA 16:5)

1. Mekhanobrchermet (for Bass). 2. Pridneprovskiy sovet narodnogo
khozyaystva (for Binkevich). (Jigs and fixtures)

BASS, M.Ya., inzh.; BINKEVICH, V.A., inzh.

Using plungerless jigs in ore dressing. Sbor. nauch. trud.
KGRI no.17:195-201 '63. (MIRA 17:1)

BINKEVICH, V.A., gornyy inzh.

Obtaining more iron ore concentrates is an important potentiality.
Gor. zhur. no.1:69-71 Ja '64. (MIRA 17:3)

1. Pridneprovskiy sovet narodnogo khozyaystva.

BINKEVICH, V.A., inzh.; ARTEMOVA, A.A., inzh.

Comparative testing of magnetic separators. Gor. zhur.
no.8:52-53 Ag '64. (MIRA 17:10)

BINKEVICH, V.A., gornyy inzh.; GRAZHDANTSEV, I.I., gornyy inzh.; KRUTLY, V.V.,
gornyy inzh.; PILINSKIY, G.I., gornyy inzh.

New separator for the dressing of weakly magnetic ore. Gorzhur.
no.1:62-64 Ja '65. (MIRA 18:3)

KARMAZIN, V.I., prof.; ROYZEN, I.D., inzh.; BINKEVICH, V.A., inzh.

Flow sheets of ore dressing plants in the Krivoy Rog iron ore and
Nikopol' manganese basins. Gor. zhur. no.9:61-64 S '65. (MIRA 18:9)

1. Dnepropetrovskiy gornyy institut (for Karmazin, Royzen).
2. Pridneprovskiy sovet narodnogo khozyaystva (for Binkevich).

L 29814-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/EWP(k) 10/10/71

ACC NR: AP6014216 (A) SOURCE CODE: UR/0198/66/002/004/0032/0038 ^{5/6}

AUTHORS: Binkovich, Ya. V. (Dnepropetrovsk); Gashko, A. L. (Dnepropetrovsk); Manza, V. P. (Dnepropetrovsk) ^B

ORG: Dnepropetrovsk State University (Dnepropetrovskiy gosudarstvennyy universitet)

TITLE: Calculation of rib reinforcing on a cylindrical shell loaded with radial force _{2p}

SOURCE: Prikladnaya mekhanika, v. 2, no. 4, 1966, 32-38

TOPIC TAGS: cylindric shell structure, stress analysis, reinforced shell structure, numeric analysis

ABSTRACT: A stress analysis is made for a smooth circular cylinder reinforced by massive, variable cross section ribs. Only longitudinal (T^0) and tangential (S^0) stresses are assumed to act at the cross section of the joint in the cylinder. These are expressed by

$$T^0(\beta) = \sum_{k=0}^{\infty} r_k^2 \cos k\beta; \quad S^0(\beta) = \sum_{k=1}^{\infty} s_k^2 \sin k\beta.$$

For a small rib thickness (relative to its radius) the complete set of equations is obtained

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ACC NR: AP6014216

$$\frac{dN_u}{d\phi} + Q_u - S^*R = 0; \quad \frac{dQ_u}{d\phi} - N_u = 0; \quad \frac{dM_u}{d\phi} - RQ_u = 0;$$

$$\frac{du_u}{d\phi} - w_u = \frac{R}{E_u F_u} N_u; \quad \frac{dw_u}{d\phi} + \frac{d^2 w_u}{d\phi^2} = \frac{R^2}{E_u I_u} M_u.$$

To a first approximation, the rib is assumed to be absolutely stiff and the shell is assumed to be a beam of circular cross section. The peak value of the stress in the rib-cylinder joint is calculated from the potential energy minimum of the rib-cylinder system. This yields the value

$$s_u^{(11)} = \mp \frac{P_v}{\pi R} \frac{A_{22} b_1^{(11)}}{b_1^{(11)} b_3^{(11)} - (b_2^{(11)})^2 + A_{12} \left[b_1^{(11)} + b_1^{(11)} \frac{b_1^{(11)} b_3^{(11)} - (b_2^{(11)})^2}{b_1^{(11)} b_3^{(11)} - (b_2^{(11)})^2} \right]};$$

$$f_u^{(11)} = \mp \frac{b_2^{(11)}}{b_1^{(11)}} s_u^{(11)}.$$

The effect of reinforcement is calculated on the distribution of internal stresses

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L 29814-66

ACC NR: AP6014216

in the rib (when the radial load is applied at the cylinder ends) in the form of a stepped reinforcement of angle 2γ ($\gamma < 180^\circ$). Numerical results are obtained on the "Ural -1" ETSVM computer and agree well with experimental data. Orig. art. has: 18 equations and 3 figures.

SUB CODE: 20/ SUBM DATE: 05Jul65/ ORIG REF: 005

Card 3/3 *FV*

BINKIEWICZ, F.

"Aproposed new form of collective enterprise. p. 525." (ZYCIE GOSPODARCZE,
Vol. 8, no. 16, May 1953, Warszawa, Poland.)

SO: East European, L. C. Vol. 2, No. 12, Dec. 1953

13

PINKINA, M. M.

CP

Polymerization of vinyl acetate. S. N. Ushakov, M. M. Pinkina, A. V. Kozova and I. A. Brofman. *J. Applied Chem. (U. S. S. R.)* 13, 1300-14 (in French, 1941)(1040); cf. Ushakov and Falstein, *C. A.* 31, 3679.—Vinyl acetate was polymerized in an emulsion of polyvinyl alc. and water at 67° for 10 hrs. Polymers of viscosity 11-73 centipoises were obtained, depending on the amt. of the H₂O₂ catalyst and purity of vinyl acetate. The yield of polymers (31-85%) also depended on the amt. of catalyst and time of heating. The polymerization of vinyl acetate in equal vol. of 0.3% soda soln. in the presence of 0.5% of 30% H₂O₂ in water bath for 4 hrs. yielded 80-97% of polymers, which had a glass-like appearance (very hard at room temp.) and were easily sol. in the usual solvents. The polymerization of pure vinyl acetate (20 g.) in the presence of 0.02 g. benzoyl peroxide at 77-80° for 10 hrs. gave a product of viscosity 18.3-118.12 centipoises, depending on the degree of purity of initial material. Metals of the reaction vessel such as Ag, Ni and that used in V2A metallic breaker did not affect the yield of polymers, or their properties. A. A. Podgorny

ASH 31A METALLURGICAL LITERATURE CLASSIFICATION

FROM 479-0417M

SEARCHED WITH ONLY ONE

REVISION

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CHIRA, A.; BINKITS, B.; VOICULESCU, A.

Spectral analysis of crude zinc. Rev chimie Min petr 15 no.6:
352-353 Je '64.

BINKLER, K.M., starshaya meditsinskaya sestra (Leningrad)

Work of the district nurse in the psychoneurological dispensary.
Med. sestra 20 no.8:54-56 Ag '61. (MIRA 14:10)

1. Iz psikhonevrologicheskogo dispansera Sverdlovskogo rayona.
(PSYCHIATRIC NURSING)

BINKMAN, M. K.

26978

Nobye Danye C Bozraste Giperbazitou Aptaya. Doklady Akad. Nauk SSSR, Nouaya Seriya, T. LXVIII, No. 1, 1949, S. 135-136.

SO: LETOPIS NO. 34

BINKO, I.

Tanning agents from tere. Ivan Binko. *Lech. Hlaska*
Abstrakt 13, 14, 21, 37 (in German 39 41)(1987).
 In a review B. discusses (1) benzquinone, (2) aromatic
 sulfonic acids, and (3) aromatic oxypals without acid
 groups and leaves the views (1) that benzquinone reacts
 with a free amino group of collagen, (2) that CIIA) con-
 densed with cresolsulfonic acid or with β -naphthalenesul-
 fonic acid acts irreversibly according to the scheme
 $H_2NRCOO + R'SO_3H \rightarrow R'O_2SHNRCOOH + H_2O$

and by combining 2 high mol. coloids without a chem. re-
 action. Forty-four references. Frank March

ASB-SLA METALLOGICAL LITERATURE CLASSIFICATION

ny

1/2

CZECH

Progress in vegetable-tanning of leather. Ivan Hlisko (Leather & Allied Trades Research Inst., Cortwakov, Czech.), *Kozářství* 4, 14-16, 30-7, 73 (1964).—Vegetable-tanning of syntans is described. Systematic pilot-plant tests of syntans are made on 130-80 marks of hides. Syntan K, a medium-condensed and sodium-sulfonated Novolak with the addition of lignin ext. was used for tanning sole leather. Syntan K₂ (same as K₁, but without lignin ext.) was replaced by the syntan SN 25 (I), a highly condensed and weakly sulfonated Novolak I (1:1 with vegetable tannin) tans upper leather very well. A new type, Karvan Que I (II), a condensation product of raw pyrocatechol fraction (III) with naphthosulfonic acid, weakly condensed with HCHO, tans well and the leather is well filled; a disadvantage is the dark color of the leather, especially in aged leaguers. A combined sole leather tan- nage with II 25, I 15, sruuce ext. (IV) 40 and quebracho ext. (V) 20% was very successful. I compensates for the dark color of II, and II adds to the fullness of the leather. A new syntan K,D (VI) is a Novolak slightly more sulfonated than I and further condensed with III and HCHO; this is the best Czechoslovakian syntan for heavy hides. In com- bination of VI with II insolubles (tan to a certain extent, as with I + II, VI gives, even after continuous use (133 packs), well-filled, firm, light-colored sole leather. On combining VI with I the formation of insolubles is very small. Combining VI with II is not advantageous. The problem of tanning with a large proportion of syntans is the domination of the SO₃H groups over H-bonding on the peptide groups of collagen. Low condensed unsulfonated parts of syntans, especially prepri, with III, are readily bound by collagen, but are relatively easily washed out of leather. Therefore the formation of highly condensed and low-sulfonated prod- ucts was sought. No detrimental action of SO₃H groups was observed on long wear tests. Only the hydrolytic test (Hada, C. 49, 788a) shows the danger of present types of syntans. Syntans must be partially neutralized, to the point that the leather does not swell too much in the

Juan Bando

final stage of tanning. Tanning with a high percentage of syztans requires a high concn. in the final liquors (about 90% Bark) and not a longer time of tanning. High percentage of syztans in the tanning mixt. tends to give a spongy leather with a high H₂O absorption. A Cr pretannage is helpful; perhaps, also, an Al combination tannage. Condensation products of aromatic amines, aldehydes, and dihydric phenols fix in leather both tannins and tanning sulfo acids of syztans, and react with COOH groups of collagen. Their action is similar to that of a Cr tannage. A relatively softer sole from prechurned hides wears as well as the purely vegetable-tanned, firm sole. L. Massey

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CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Leather. Fur. Gelatin.
Tanning Agents. Technical Proteins.

H-35

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 27449

Author : Binko Ivan

Inst : -

Title : Fundamentals of Planning of Extraction Plants and
Possibilities of Mechanization and Automation in Manufac-
turing of Extracts.

Orig Pub : Veda a vyzk. v prumyslu kozedeln., 1956, 2, 13-25.

Abstract : Consideration of problems of raw material supplies and
further development of Czechoslovak extraction plants
which manufacture spruce extract, and also of the causes
of insufficient yields of tannides and of high prime cost
of the produced extracts.

Card 1/1

- 108 -

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H
Leather. Furs. Gelatin. Tanners. Technical
Amides.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 69557.

Abstract:ides in the tanning extracts made of spruce bark
is described. Effects of temperature and of
various chemical substances added during the ex-
traction on the leaching of pectins from tanning
solution of vegetable origin are reviewed. From
spruce bark, pectins are leached out only at a
temperature of $>40-50^{\circ}$.

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"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320009-0

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205320009-0"

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Leather. Fur. Gelatine. Tanning
Materials. Industrial Proteins.

H-35

Abs Jour: Ref Zhur-Khim., No 2, 1959, 6951.

Author : Binko, Ivan.

Inst :

Title : Results of Experimental Application of New Substitutes
of Tanning Substances.

Orig Pub: Kozarstvi, 1956, 6, No 8, 154-155.

Abstract: New brands of synthetic tanning agents were tested
in various combinations with other syntans and vege-
table tanning agents. Kortan [transliteration from
Russian] que I has already been produced for
several years, and the new tanning agent BHO is ready

Card : 1/2

178

BINKO, I.

"Results in testing tanning materials."

p. 170 (Kozarstvi) Vol. 6, no. 9/10, Oct. 1956.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

BINKO, I. (Chekheslevakiya); KOLARZH, Ya. (Chekheslevakiya); MYULLER, K.
(Chekheslevakiya); PONCHIK, I. (Chekheslevakiya); RUZHICHKA, I.
(Chekheslevakiya)

Some little-known oriental tannins. Kesh.-obuv. prem. no.5:35-39
My '59. (MIRA 12:6)

(Tannins)

BINKO, J.

Automatic control, of current density in electrochemical processes of surface finishing. p. 603. (STROJIRENSTVI, Vol. 7, No. 8, Aug 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BINKO, L.

"Results in testing new tanning materials. (To be contd.)"

p. 154 (Kozarstvi) Vol. 6, no. 8, Aug. 1958.
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

BINKOU, G.G., inzh.

Using coal impurities in making ceramic materials. Stroi. mat. 6
no.7: 30 J1 '60. (MIRA13:7)
(Ceramic materials) (Brickmaking)

BINKOVSKIY, N.F., inzh.; OMELYASHKO, N.G., inzh.

Elimination of faults in the control network of oil pumps of large feed pumps. Elek. sta. 35 no.9:86-87 S '64.

(MIRA 18:1)